

Docket No.: TK-0001



PATENT

SW
[Signature]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Confirmation No.: 7359

Insoo KIM et al.

Group Art Unit: 1742

Serial No.: 10/814,151

Examiner: George P. WYSZOMIERSKI

Filed: April 1, 2004

Customer No.: 34610

For: SYNTHESIS OF NANOSIZED METAL PARTICLES

REQUEST FOR CORRECTION OF INVENTORSHIP
UNDER 37 C.F.R. §1.48(a)

U.S. Patent and Trademark Office
Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

Sir:

Consistent with the provisions of 37 C.F.R. §1.48(a), Applicants hereby respectfully request Correction of the Inventorship of the above-identified application to **add** Young Jin Kim and Charles Smith as named inventors. The error in the inventive entity arose without deceptive intent on the part of Mr. Kim and Mr. Smith, as indicated in the statements attached hereto executed by Mr. Kim and Mr. Smith.

Attached to this Request are the following documents:

(1) An Amendment of Inventorship in which it is proposed to add Mr. Kim and Mr. Smith as inventors;

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(2) A statement from each inventor being added under 37 C.F.R. § 1.48(a)(1);

(3) A new Declaration and Power of Attorney executed by all inventors in accordance with 37 C.F.R. § 1.63; and

Serial No.: 10/814,151

Docket No.: TK-0001

(4) The consent of the assignees, Dong-A University and Tokusen, U.S.A, Inc. to the addition of Mr. Kim and Mr. Smith as inventors.

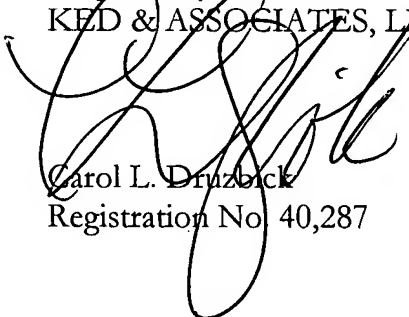
Upon grant of this Request, the inventors of the present application are:

1. Insoo KIM;
2. Gang Hyuk KIM;
3. Chang Gun LEE;
4. Young Jin Kim; and
5. Charles Smith

Grant of the foregoing Request is respectfully solicited.

Attached herewith is Credit Card Form PTO 2038 for \$130.00 in payment of the fee set forth under 37 C.F.R. §1.117(i). Please charge any other fees which may be required or credit any overpayment to Deposit Account No. 16-0607.

Respectfully submitted,
KED & ASSOCIATES, LLP


Carol L. Druzick
Registration No. 40,287

P.O. Box 221200
Chantilly, Virginia 20153-1200
703 766-3777 CLD:rlg

Date: May 2, 2007

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Please direct all correspondence to Customer Number 34610

Docket No.: TK-0001

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Confirmation No.: 7359

Insoo KIM et al.

Group Art Unit: 1742

Serial No.: 10/814,151

Examiner: George P. WYSZOMIERSKI

Filed: April 1, 2004

Customer No.: 34610

For: SYNTHESIS OF NANOSIZED METAL PARTICLES

AMENDMENT OF INVENTORSHIP

U.S. Patent and Trademark Office
Customer Window
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

Sir:

Consistent with provision of 37 C.F.R. § 1.48(a), Applicants respectfully request Amendment of the Inventorship of the above-identified application to include Young Jin Kim and Charles Smith as named inventors.

Upon entry of this Amendment, the inventors of the present application are:

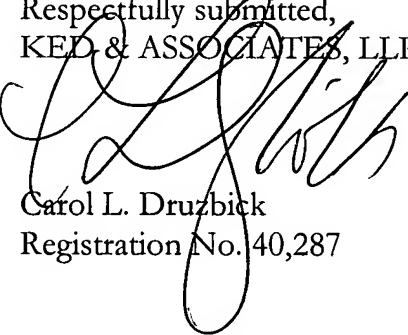
1. Insoo KIM;
2. Gang Hyuk KIM;
3. Chang Gun LEE;
4. Young Jin KIM; and
5. Charles SMITH

Serial No. **10/814,151**

Docket No. **TK-0001**

Entry of the foregoing Amendment is respectfully solicited for all the reasons detailed in the attached Petition and Statement.

Respectfully submitted,
KED & ASSOCIATES, LLP



Carol L. Druzbeck
Registration No. 40,287

P.O. Box 221200
Chantilly, Virginia 20153-1200
(703) 766-3777 CLD:tlg

Date: May 2, 2007

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Please direct all correspondence to Customer Number 34610

Docket No.: TK-0001

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Insoo KIM et al.

Serial No.: 10/814,151

Filed: April 1, 2004

For: SYNTHESIS OF NANOSIZED METAL PARTICLES



Confirmation No.: 7359

Group Art Unit: 1742

Examiner: George P. WYSZOMIERSKI

Customer No.: 34610

STATEMENT UNDER 37 C.F.R. § 1.48(a)(1)

U.S. Patent and Trademark Office
Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

Sir:

I, Charles Smith, hereby declare and state that:

1. I am an inventor of the invention described and claimed in the above-identified application.
2. Through an error and without deceptive intention, I was omitted as a named inventor when the application was filed on April 1, 2004.
3. In view of the foregoing, I respectfully request that the inventorship of the above-identified application be amended to include the undersigned as an inventor.

4. I have reviewed and understand the contents of this declaration, and all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true and further, these statements are made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: 4/30/2007

Signed: Charles Smith
Charles Smith

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Insoo KIM et al.

Serial No.: 10/814,151

Filed: April 1, 2004

For: SYNTHESIS OF NANOSIZED METAL PARTICLES



Confirmation No.: 7359

Group Art Unit: 1742

Examiner: George P. WYSZOMIERSKI

Customer No.: 34610

STATEMENT UNDER 37 C.F.R. § 1.48(a)(1)

U.S. Patent and Trademark Office
Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

Sir:

I, Young Jin Kim, hereby declare and state that:

1. I am an inventor of the invention described and claimed in the above-identified application.
2. Through an error and without deceptive intention, I was omitted as a named inventor when the application was filed on April 1, 2004.
3. In view of the foregoing, I respectfully request that the inventorship of the above-identified application be amended to include the undersigned as an inventor.

4. I have reviewed and understand the contents of this declaration, and all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true and further, these statements are made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: April. 30. 2007

Signed: 

Young Jin Kim

Docket No.: TK-0001



DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought on the invention entitled SYNTHESIS OF NANOSIZED METAL PARTICLES, the specification of which

☐ is attached hereto ☒ was filed on April 1, 2004 as Application Serial No. 10/814,151 and was amended on October 10, 2006 and March 13, 2007 (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365 (b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):
Number

Country

Foreign Filing Date
Month/Day/Year

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s):

Filing Date (Month/Day/Year)

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Prior U. S. Application
or PCT Parent Number

Filing Date (Month/Day/Year) Parent Patent Number (if applicable)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the attorney(s) and/or agent(s) associated with **Customer Number 34610** to prosecute this application and transact all business in the Patent and Trademark Office.

Direct all correspondence to Customer Number 34610



Full name of joint inventor(s): **Insoo KIM**

Inventor's signature: 

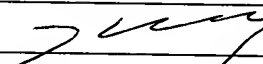
Date: Apr 21 22, 2007

Mailing Address: Department of Metallurgical Engineering, Don-A University, 840 Hadan
2-dong, Saha-gu, Busan 604-714, KOREA

Citizenship: Republic of Korea

Residence: 103-1602 Kumho APT, Seodaeshin 3Ga, Seo Gu, Busan 601-093, KOREA

Full name of joint inventor(s): **Gang Hyuk KIM**

Inventor's signature: 

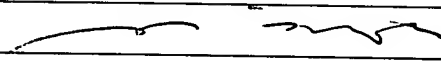
Date: April 22, 2007

Mailing Address: Dong-A University, 840 Hadan 2-dong, Saha-gu, Busan 604-714,
KOREA

Citizenship: Republic of Korea

Residence: 307 Sanho APT., 7-4 Suan-dong, Dongnae-gu, Busan 607-822, KOREA

Full name of joint inventor(s): **Chang Gun LEE**

Inventor's signature: 


Date: April 23, 2007

Mailing Address: Dong-A University, 840 Hadan 2-dong, Saha-gu, Busan 604-714,
KOREA

Citizenship: Republic of Korea

Residence: 16-15 Banggok-dong, Jinju-si, Gyeongnam 641-821, KOREA

Full name of joint inventor(s): **Young Jin KIM**

Inventor's signature: 

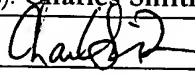
Date: April 30, 2007

Mailing Address: 1500 Amity Road, Conway, AR 7032

Citizenship: Republic of Korea

Residence: 193 Rufus Circle, Conway, AR 72034, USA.

Full name of joint inventor(s): **Charles Smith**

Inventor's signature: 

Date: 4/30/2007

Mailing Address: 1500 Amity Road, Conway, AR 7032

Citizenship: USA

Residence: 3275 Chrysler Cove, Conway, AR 72034, USA.

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>Insoo KIM</u>	(4) _____
(2) <u>Gang Hyuk KIM</u>	(5) _____
(3) <u>Chang Gun LEE</u>	(6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Dong-A University, 840 Hadan 2-dong, Saha-gu, Busan 604-714, KOREA

Tokusen U.S.A., Inc., 1500 Amity Road, Post Office Box 1150, Conway, Arkansas 72033

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

SYNTHESIS OF NANOSIZED METAL PARTICLES

- (a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or
- (b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and/or that claim priority thereto and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof and/or that claim priority thereto, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

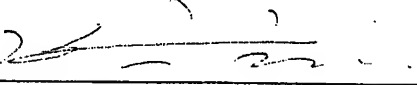
AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

AND the undersigned hereby grants the firm of FLESHNER & KIM, LLP the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuing authority, including the United States Patent and Trademark Office, for recordation of this document.

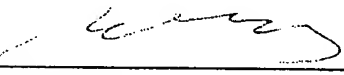
SIGNED on the dates indicated aside our signatures:

INVENTORS

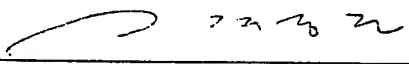
DATE SIGNED

1) 
Name: Insoo KIM

March 29, 2004

2) 
Name: Gang Hyuk Kim

March 29, 2004

3) 
Name: Chang Gun Lee

March 29, 2004

Docket No.: TK-0001

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Insoo KIM, Gang Hyuk KIM and Chang
Gun LEE

Confirmation No.: 7359

Group Art Unit: 1742

Serial No.: 10/814,151

Examiner: George P. WYSZOMIERSKI

Filed: April 1, 2004

Customer No.: 34610

For: SYNTHESIS OF NANOSIZED METAL PARTICLES

**WRITTEN CONSENT OF ASSIGNEE TO CORRECT INVENTORSHIP UNDER 37
CFR § 1.48(a)**

U.S. Patent and Trademark Office
220 20th Street S.
Customer Window, Mail Stop Reissue
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

Sir:

Consistent with the provisions of 37 C.F.R. § 1.48(a), the Assignee of the above-identified application, Tokusen, U.S.A. Inc., hereby consents to the amendment of inventorship of the application to include Young Jin Kim and Charles Smith as joint inventors thereof. I am authorized to act on behalf of the Assignee as indicated below. Attached herewith is a copy of a Certificate Under 373 C.F.R. § 3.73(b) along with a copy of the Assignment by the original inventors.

By: 

Ed Lea

Vice President, Administration

Tokusen, U.S.A., Inc.

Date: April 30, 2007

Attached:

☒ 37 C.F.R. 3.73(b) Certificate



Docket No. TK-0001

CERTIFICATE UNDER 37 C.F.R. §3.73(b)

Applicant: Insoo KIM et al

Application or Patent No.: 10/814,151 Filed or Issued: April 1, 2004Entitled: SYNTHESIS OF NANOSIZED METAL PARTICLESTokusen U.S.A., Inc.

(Name of Assignee)

a Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 015175, Frame 0047, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above, and to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, or any patent issued thereon.

April 30, 2007

Date

Signature

Ed Lea
Vice President, Administration
Tokusen U.S.A., Inc.

Docket No.: TK-0001



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Confirmation No.: 7359

Insoo KIM et al.

Group Art Unit: 1742

Serial No.: 10/814,151

Examiner: GEORGE P. WYSZOMIERSKI

Filed: April 1, 2004

Customer No.: 34610

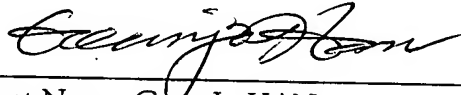
For: SYNTHESIS OF NANOSIZED METAL PARTICLES

**WRITTEN CONSENT OF ASSIGNEE TO CORRECT INVENTORSHIP UNDER 37
CFR § 1.48(a)**

U.S. Patent and Trademark Office
220 20th Street S.
Customer Window, Mail Stop Reissue
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

Sir:

Consistent with the provisions of 37 C.F.R. § 1.48(a), the Assignee of the above-identified application, Dong-A University, hereby consents to the amendment of inventorship of the application to include Young Jin Kim and Charles Smith as joint inventors thereof. I am authorized to act on behalf of the Assignee as indicated below. Attached herewith is a copy of a Certificate Under 373 C.F.R. § 3.73(b) along with a copy of the Assignment by the original inventors.

By: 
Insert Name: Geun Jo HAN
Insert Title: Director
Insert Department: Research Foundation for Industry-Academy Cooperation
Dong-A University

Date: April, 26, 2007
Attached
☒ 37 C.F.R. 3.73(b) Certificate



Docket No. TK-0001

CERTIFICATE UNDER 37 C.F.R. §3.73(b)

Applicant: Insoo KIM et al

Application or Patent No.: 10/814,151 Filed or Issued: April 1, 2004

Entitled: SYNTHESIS OF NANOSIZED METAL PARTICLES

Dong-A University, a University
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 015175, Frame 0047, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above, and to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, or any patent issued thereon.

April 26, 2007
Date

Signature Geun Jo Han

Typed or printed name: Geun Jo HAN

Title: Director of Research Foundation for Industry-Academy Cooperation
Dong-A University